

Operation Change Request

OCR: hopsall000027
MOP: ISS:05A1:Flight

International Space Station
Payload Operations Integration Center
Marshall Space Flight Center
Huntsville, Alabama USA

GENERAL INFORMATION

Title: Add Bonner Ball Status Check
Priority: Normal
Special Processing:
On Hold: No

Originator: hopsall0
Type: Standard
Effectivity: Permanent for Future MOPs
State: Implemented

Due Event:
Earliest Date: None
Desired Date: 2001 089:00:00:00
Latest Date: 2001 092:00:00:00

Description Of Change

Add activity Bonner Ball Status Check to timeline, to be performed 7-10 days following Bonner Ball Setup and Activation. Modified iURC activity form is enclosed. Durations listed assume performance by FE-1. If performed by FE-2, increase duration to 45 minutes. This activity should also be considered anytime a full sequence of Bonner Ball Ops cannot be performed per the required schedule due to crewtime limitations. Verify with HRF prior to scheduling activity.

Reason For Change

This is a brief procedure, required by the PI to be performed whenever a full sequence of Bonner Ball Ops cannot be performed per the required schedule. The task consists of the crew checking the LEDs and flipping a single switch to put the BBND Unit into a self-calibration mode. Regular calibration is critical to the continued successful performance of the BBND unit. HRF requests realtime concurrence prior to the scheduling of this activity so as to judge the criticality of downlinking the data.

RESOURCE IMPACTS

Activity/Sequence

Requirements in iVRC: Yes

Activity Name: None

Sequence Name: BONNER BALL STATUS CK

Activity Group: None

Sequence Group: None

User Group: None

Crew Time: None

Manual Procedures

Title: None

Number: None

Filename: None

User Validation: No

POIC Verification (Standards): No

POIC Verification (Non-Interference): No

Commanding

Single Commands: No

Groups: No

Critical: No

Hazardous: No

OIU: No

Downlink Data

Low Rate: No

Medium Rate: No

High Rate: No

Video Rate: No

File Uplink Request (to PLMDM)

Payload Data Set: No

Timeline Automated Procedure: No

Time Needed On-Board: None

File Size: -1 bytes

File Name: None

CVT Table: No

RIC Table: No

SUPPORTING ATTACHMENTS

Supporting Attachment #1

Name: Status Ck.doc

Size: 99328 bytes

Type: Anomaly Log

User ID: hopsall0

Notes: None

Activity Name BONNER BALL STATUS CK		Procedure Name MGUEHRFBBNDN005																															
Duration Minimum 00:20 Preferred 00:30		Execution Note Perform all steps																															
Crew <input type="checkbox"/> All of <input checked="" type="checkbox"/> One of <input checked="" type="checkbox"/> SC1 <input checked="" type="checkbox"/> SC2 <input checked="" type="checkbox"/> SC3 sub-interval only <input type="text"/> - <input type="text"/>		ISS Conditions <table border="1"> <thead> <tr> <th></th> <th>before</th> <th>during</th> <th>after</th> <th>start</th> <th></th> </tr> </thead> <tbody> <tr> <td>Voice</td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td>-</td> </tr> <tr> <td>Cmd w/ D/L</td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td>-</td> </tr> <tr> <td>Orbital Day</td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td>-</td> </tr> <tr> <td>SAA</td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td>-</td> </tr> </tbody> </table>			before	during	after	start		Voice	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	-	Cmd w/ D/L	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	-	Orbital Day	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	-	SAA	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	-
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NOTES:

This is a very brief task, to be performed if nominal Bonner Ball Ops cannot be done per the rec schedule. The procedure consists of the crew checking LEDs and flipping a switch that puts the unit into a self-calibration mode.

The difference between the minimum and preferred durations are to allow maximum operations onto the activity. Again, this is a very brief task.

REVIEWERS

Type	User ID	Response	Date
POIC	bandall0	Concur	2001 079:15:20:50
POIC	lis1all0	Concur	2001 079:08:27:06
POIC	podfall0	Concur	2001 079:15:04:47
POIC	ppm1all0	Concur	2001 080:16:27:42
POIC	ppseall0	Concur	2001 080:16:41:48
POIC	pse1all0	Concur	2001 079:22:14:06
POIC	sftyall0	Concur	2001 079:14:58:40
POIC	stowall0	Concur	2001 079:14:23:47
POIC	tmm1all0	Concur	2001 080:16:31:26
POIC	wisdall0	Concur	2001 079:19:26:40

REVIEWER ATTACHMENTS

None

ACTION LIST

Sequence #1

User ID: ppm1all0

Due Date: 2001 090:00:00:00

Implemented: Yes

Description: PPM update OOS or STP

CM LOG

Task: PPM update OOS or STP

Action: Implement

User ID: ppm1all0

State: Final Approval

CM Date: 2001 093:13:47:41

Notes: PPM: Implemented. Scheduled on 3/30/01.

Task: Provide POIC POD Lead Approval

Action: Final Approval

User ID: pod1all0

State: POIC Review

CM Date: 2001 080:22:00:41

Notes:

Task: Perform POIC Member Review

Action: Concur

User ID: ppseall0

State: POIC Review

CM Date: 2001 080:16:41:48

Notes:

Task: Perform POIC Member Review

Action: Concur

User ID: tmm1all0

State: POIC Review

CM Date: 2001 080:16:31:26

Notes:

Task: Perform POIC Member Review

Action: Concur

User ID: ppm1all0

State: POIC Review

CM Date: 2001 080:16:27:42

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User ID: pse1all0

State: POIC Review

CM Date: 2001 079:22:14:06

Notes:

Task: Perform POIC Member Review

Action: Concur

User ID: wisdall0

State: POIC Review

CM Date: 2001 079:19:26:40

Notes:

Task: Perform POIC Member Review

Action: Concur

User ID: bandall0

State: POIC Review

CM Date: 2001 079:15:20:50

Notes:

Task: Perform POIC Member Review

Action: Concur

User ID: podfall0

State: POIC Review

CM Date: 2001 079:15:04:47

Notes:

Task: Perform POIC Member Review

Action: Concur

User ID: sftyall0

State: POIC Review

CM Date: 2001 079:14:58:40

Notes:

Task: Perform POIC Member Review

Action: Concur

User ID: stowall0

State: POIC Review

CM Date: 2001 079:14:23:47

Notes:

Task: Perform POIC Member Review

Action: Concur

User ID: lis1all0

State: POIC Review

CM Date: 2001 079:08:27:06

Notes: For Fe-2, is the increase in time due to CBT?

Task: Perform POIC POD Lead Screening

Action: Release For Review

User ID: pod1all0

State: Submit to POIC

CM Date: 2001 079:03:29:05

Notes: Suggested that this might be worked as a tasklist item which if not accomplished on Activation Plus day 7,8, or 9, it then shows up on the flight plan as a scheduled item and that way it can be laid against the crewperson for whom it would be most efficient. Jim Voss has been trained and can do it quickly. Susan will need longer plus CBT ahead of time.

Task: Perform Facility Lead Screening

Action: Submit To POIC

User ID: hopsall0

State: Submit to Facility Lead

CM Date: 2001 079:02:35:42

Notes:

01079005A1hops00027 – Implemented

01079005A1hops00027 – Implemented

Task: Modify Putback OCR
Action: Submit
User ID: hopsall0
State: Putback to Originator
CM Date: 2001 079:02:35:07
Notes:

Task: Perform Facility Lead Screening
Action: Putback
User ID: hopsall0
State: Submit to Facility Lead
CM Date: 2001 079:02:27:56
Notes:

Task: Develop OCR
Action: Submit
User ID: hopsall0
State: Development
CM Date: 2001 078:21:39:01
Notes:
